

# COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)  
Week 42 (10/17/2021- 10/23/2021)

COCONINO COUNTY  
*October 29, 2021*



# Situation Summary

MMWR Week 42 (10/17/2021-10/23/2021)

**A total of 22,842 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – October 23, 2021.**

**Deaths: 344** (1.5% of cases)

**Probable Deaths: 5**

**Recovered Cases: 20,846**

(91% of cases)

**Hospitalizations: 1,635**

(7.2% of cases)

**Total Fully Vaccinated: 73,023**

(59.7% of the eligible population)

## Cases Reported Week 42 (October 17, 2021 - October 23, 2021):

**500  
Positive  
Cases**

**81%  
Not Fully  
Vaccinated**

**353.4  
Rate per  
100,000**

**8.6%  
Positivity  
Yield**

## Community Transmission

- Coconino County has a current **incidence rate of 353.4 per 100,000, percent positivity of 8.6%, and COVID-19-Like-Illness incidence (CLI) of 7.1%\***.
- Coconino County is currently at a **High\*\*** level of community transmission.

Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

*\*CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.*

*\*\* CDC defines level of community transmission based on the highest-level indicator for the current reporting week.*

# COVID-19 Situation Summary\*

## Cumulative Counts (March 15, 2020 – October 23, 2021):

22,842  
Positive  
Cases

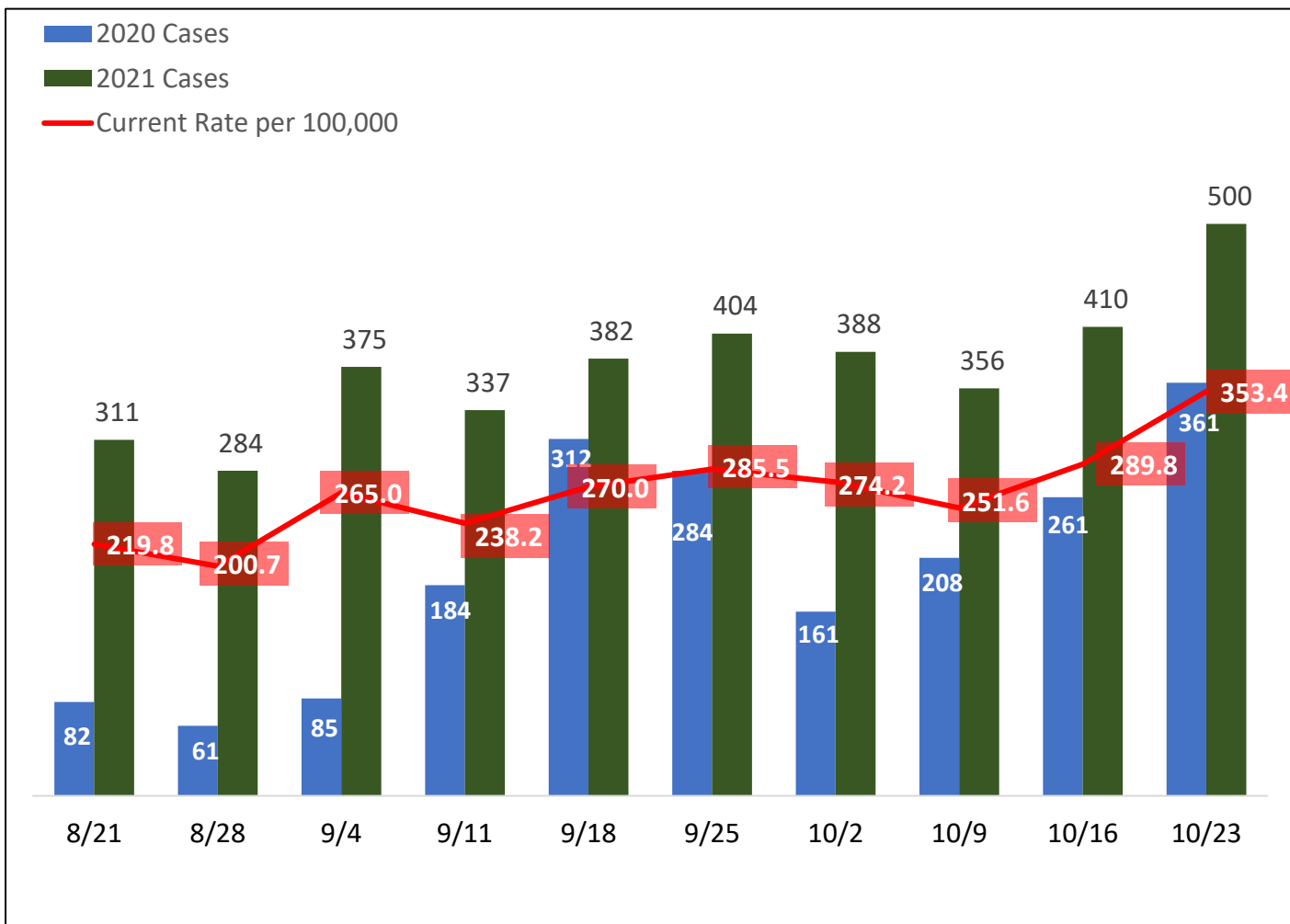
338,187  
Total  
Tests

110,759  
People  
Tested

11.3%  
Positivity  
Yield

**16,144.0 cases per 100,000 Coconino County Residents**  
**vs.**  
**16,090.2 cases per 100,000 Arizona Residents**

## Weekly Case Counts Among Coconino County Residents:

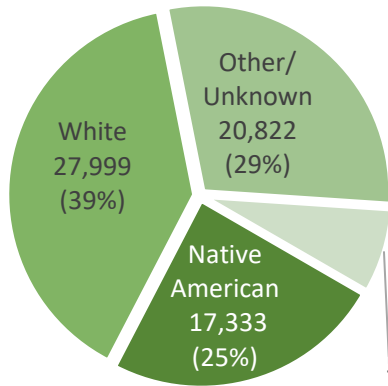


# COVID-19 Situation Summary\*

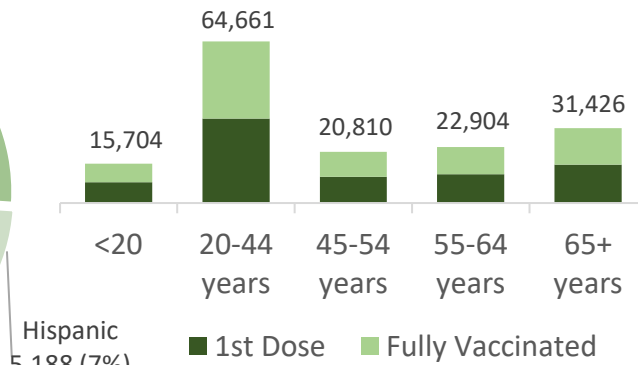
Please visit Vaccine Administration at [azdhs.gov](https://azdhs.gov) for additional Coconino County vaccine data.

## COVID-19 Vaccinations Among Coconino County Residents:

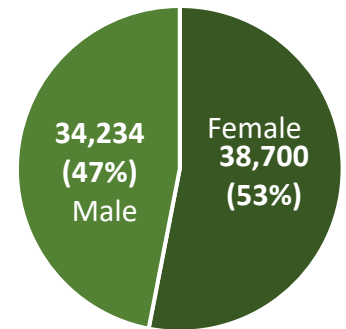
### Fully Vaccinated by Race\*\*



### Vaccinations by Age

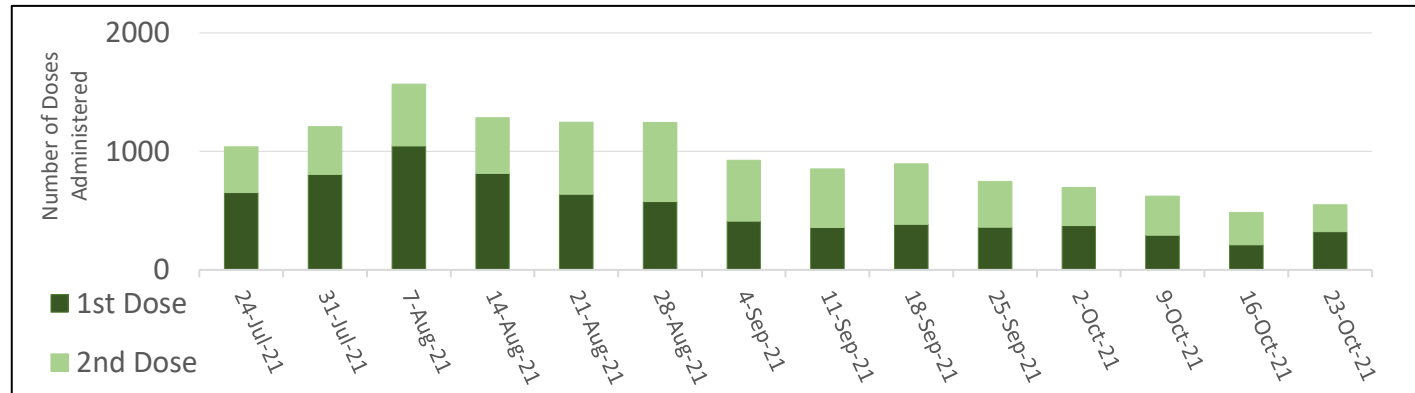


### Fully Vaccinated by Sex



\*\*The following races account for less than 1% of total vaccinations:  
Asian or Pacific Islander (1,138) and Black or African American (543).

## Weekly Vaccine Counts Among Coconino County Residents:



## Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Flagstaff	50,655	46,667	54,493
86001/ 86005	28,476	26,254	59,171
86004	21,220	19,559	62,100
86011	959	854	8,739

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 <sup>†</sup>
Page	5,685	5,571	81,722
Tribal Communities	15,560	14,387	69,245
Williams	2,582	2,359	47,076
Grand Canyon	1,706	1,574	72,535
Other Areas	2,687	2,465	43,783

<sup>†</sup>Population estimates include residents aged 10 and older.


Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

\*Vaccinations reported from 12/01/20-10/23/21 <sup>4</sup>

## Location:

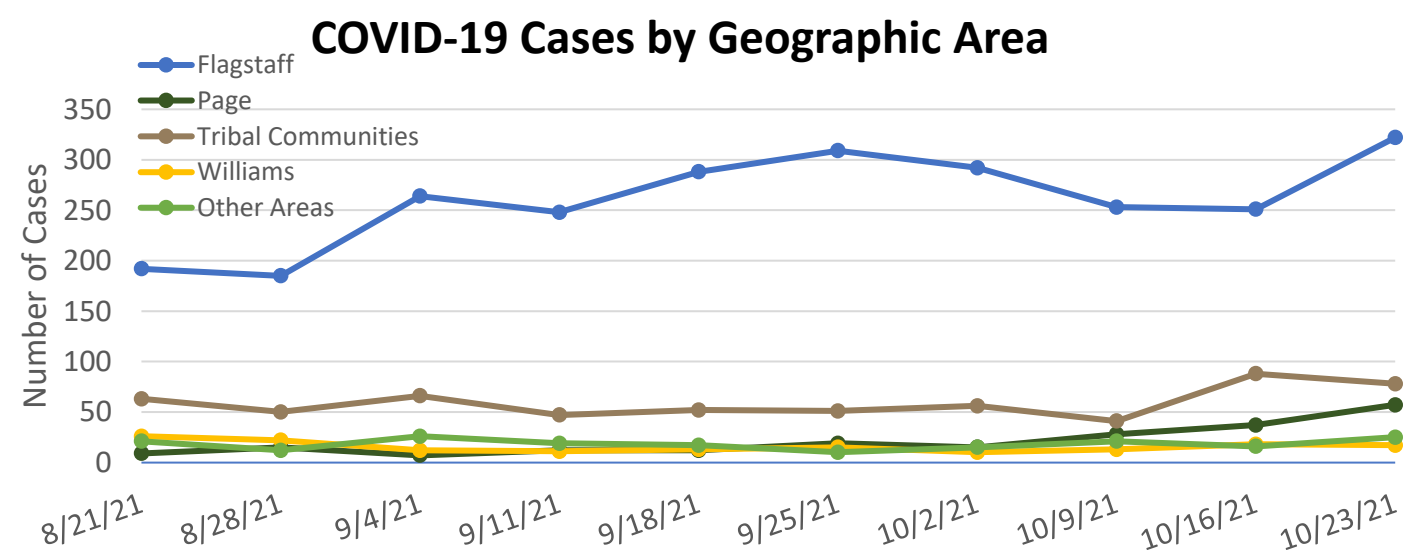
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>†</sup>
Flagstaff	14,112	14,783	9.4%	46,667	54.5%
Page	1,497	19,878	17.1%	5,571	81.7%
Tribal Communities	5,364	21,788	15.2%	14,387	69.2%
Williams	831	14,592	15.6%	2,359	47.1%
Grand Canyon	254	10,008	13.9%	1,574	72.5%
Other Areas	784	13,893	13.0%	2,465	43.8%

<sup>†</sup>Population estimates include residents aged 10 and older.  
 Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

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Key Take Away

  - Flagstaff zip code 86011** experienced the largest **increase in cases** from the previous week with an **100% increase**.
  - The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



## Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated <sup>‡</sup>
<20 years	5,225	12,804	11.7%	7,385	33.9%
20-44 years	10,996	21,066	11.5%	30,499	58.4%
45-54 years	2,498	17,006	12.4%	9,827	66.9%
55-64 years	2,205	13,288	11.0%	10,822	65.2%
65+ years	1,918	11,294	9.2%	14,490	85.3%

<sup>‡</sup>Population estimates include residents aged 12 and older.

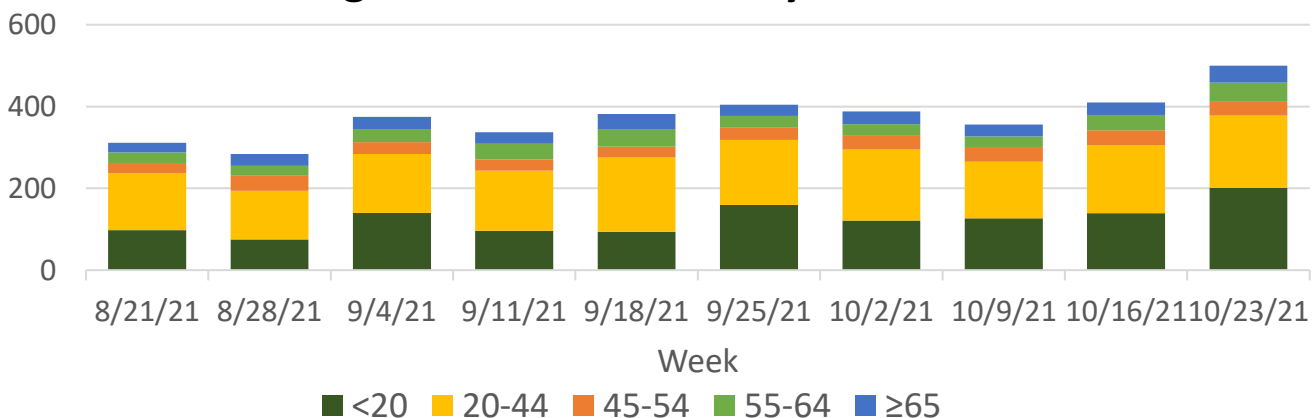
Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

## The median age of Coconino County COVID-19 cases is 30 years old

### Key Take Away

- The highest **case incidence** for week 42 was observed among residents aged <20 with an incidence of 493 per 100,000.
- The highest **positivity yield** for week 42 was observed among residents aged 55-64 and 65+ with a positivity yield of 11.4% and 10.9%, respectively.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

## Age of Positive Cases by Week



## Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Native American	8,169	22,445	17,333	52.3%
White	8,170	10,699	27,999	37.5%
Hispanic	3,543	17,776	5,188	29.2%
Black or African American	293	18,591	543	25.4%
Asian/ Pacific Island	301	10,477	1,138	37.0%
Other/ Unknown	2,366	N/A	20,822	N/A

<sup>‡</sup>Population estimates include residents aged 10 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.



### Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

## Sex:

Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated <sup>‡</sup>
Female	11,665	16,318	10.3%	38,700	62.1%
Male	11,133	15,952	12.4%	34,234	57.2%

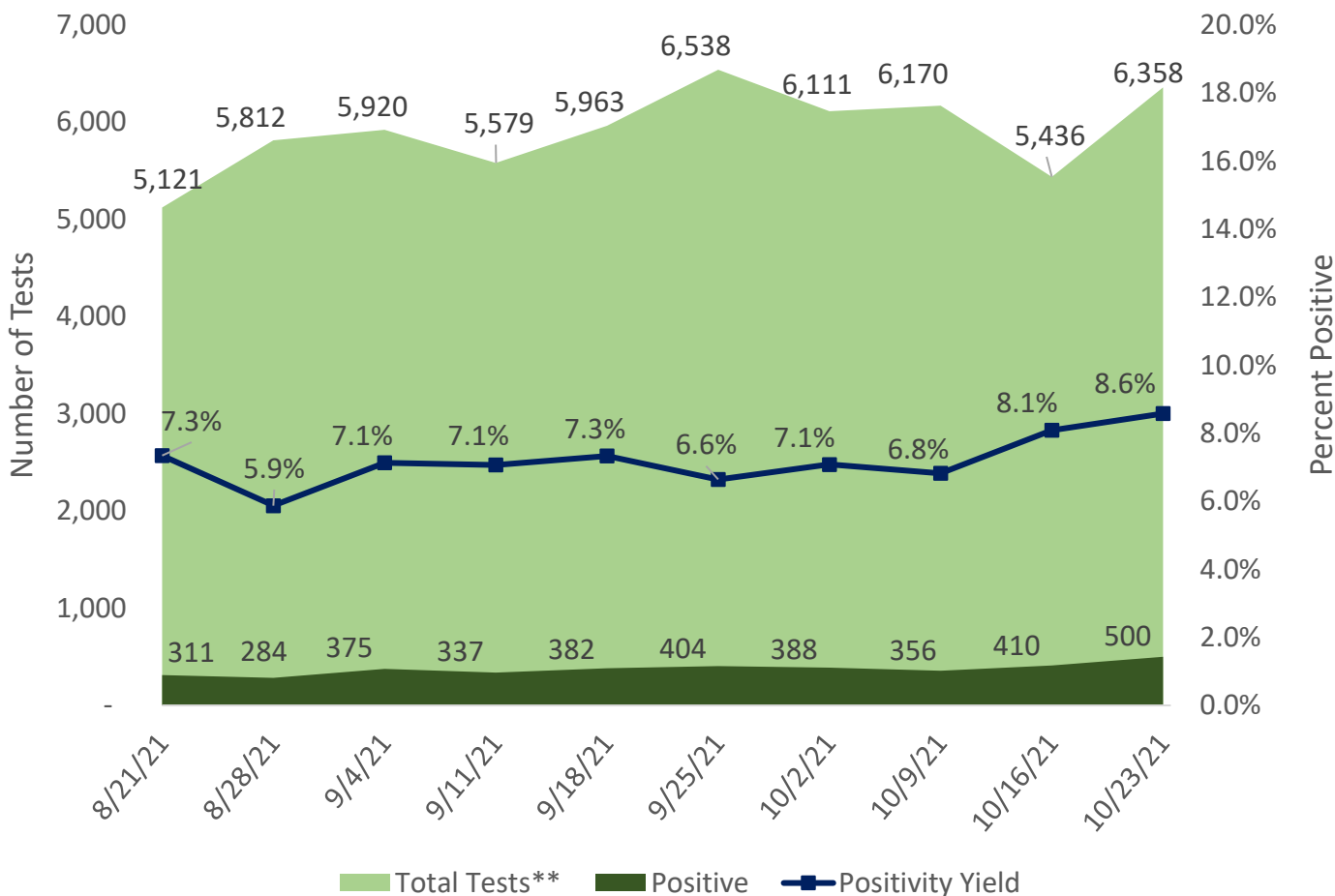
<sup>‡</sup> Population Estimates include residents aged 12 and older



### Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 28% more tests than male residents.
- Male residents have higher testing positivity yields.

## COVID-19 TESTING BY WEEK:



\*Percent positivity was calculated using only ELR data due to insufficient reporting.

\*\*Data was changed to display total tests per week rather than number of people tested per week.

### COVID-19 Diagnostic Testing:

**People Tested:** A total of 110,759 Coconino County residents have been tested.

**Tests Conducted:** A total of 338,187 have been conducted among Coconino County residents.

**Investigations:** The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 9,544**

**Monitoring:** The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

- **Currently being monitored: 93 (As of 10/23/2021)**
- **Total individuals monitored to date: 9,404**



## Hospitalizations

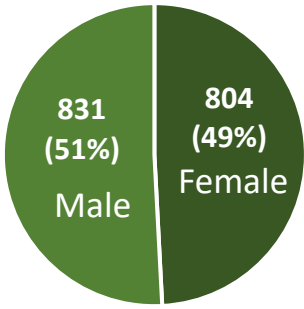
(not all hospitals are currently reporting hospitalization data to Coconino County):

Percentage of Cases  
7.2%

Hospitalized  
1,635

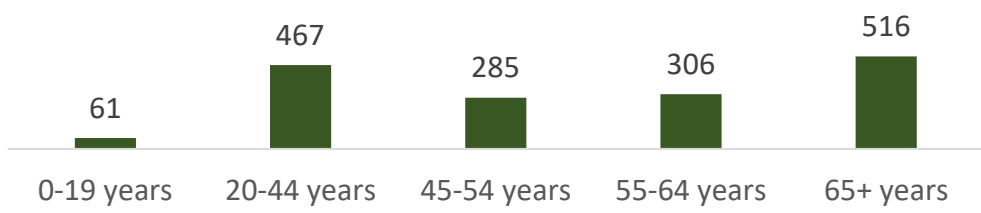
Hospitalizations Per 100,000  
1,156

### Sex



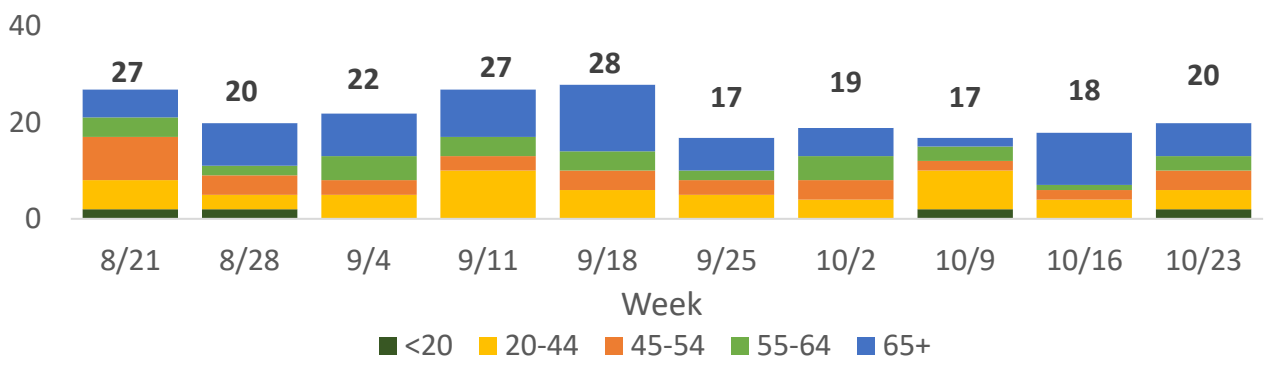
15% of hospitalized residents were in the ICU and 6% were intubated.

### Hospitalized Coconino COVID-19 Patients by Age

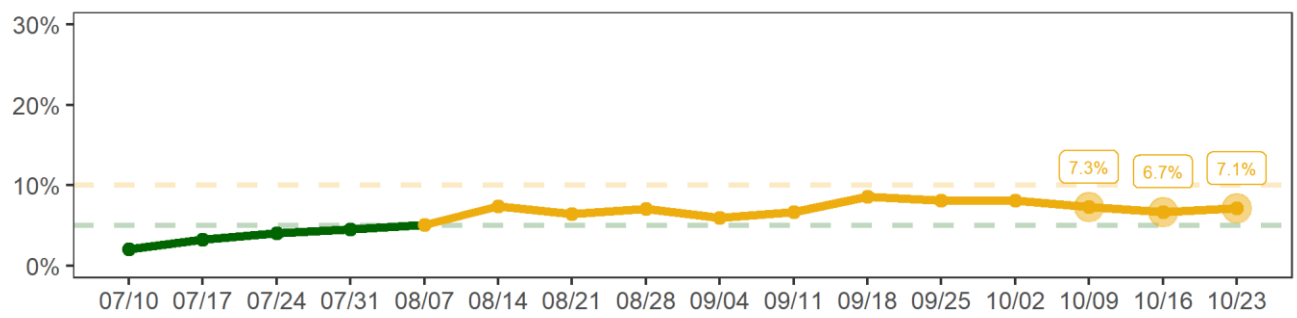


## Weekly Case Counts Among Coconino County Residents:

### Hospitalized Coconino COVID-19 Patients by Age



## Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



\*Cases reported from 3/15/20-10/23/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

# COVID-19 Situation Summary\*

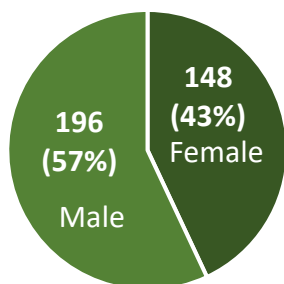
## COVID-19 Related Deaths:

Percentage of  
Cases  
1.5%

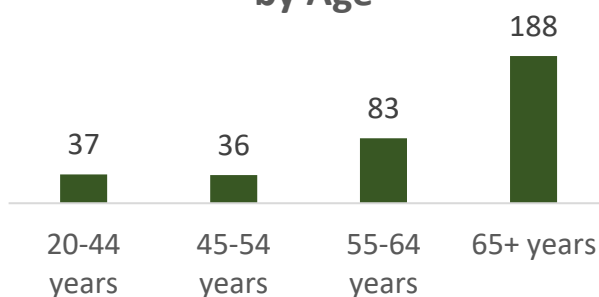
Deaths  
344

Fatalities  
Per 100,000  
243.1

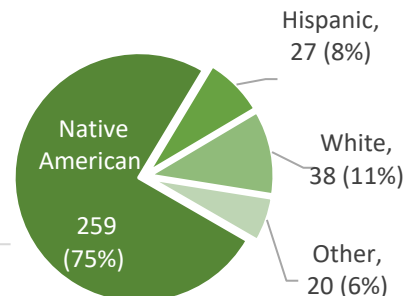
### Sex



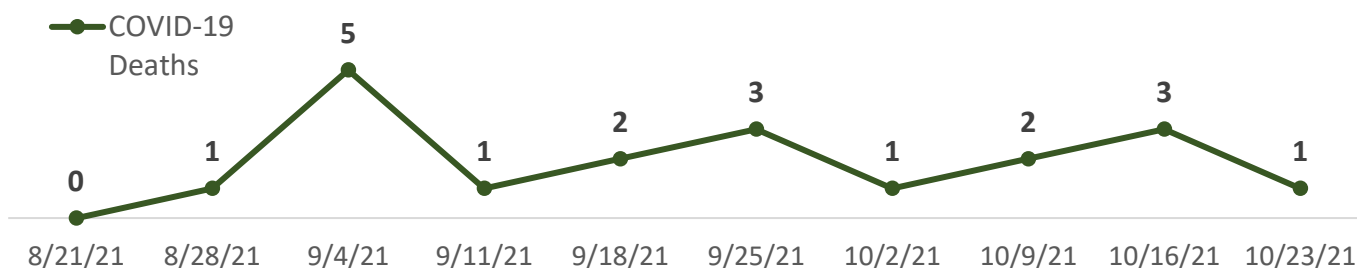
### Coconino COVID-19 Deaths by Age



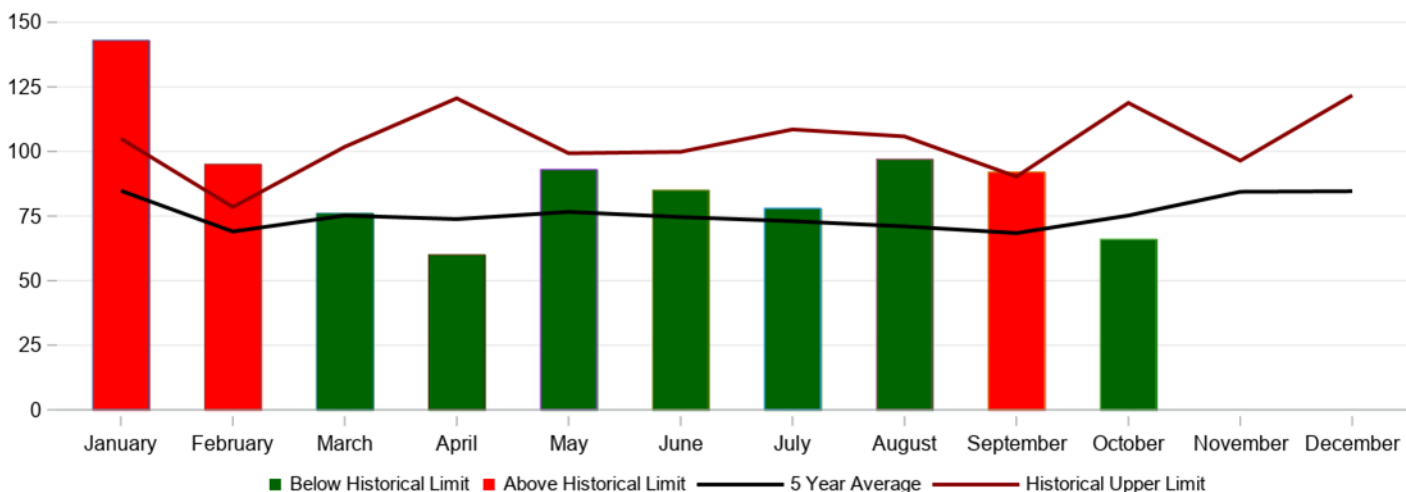
### Race



## Weekly COVID-19 Deaths Among Coconino County Residents:



### 2021 All Deaths Aberration



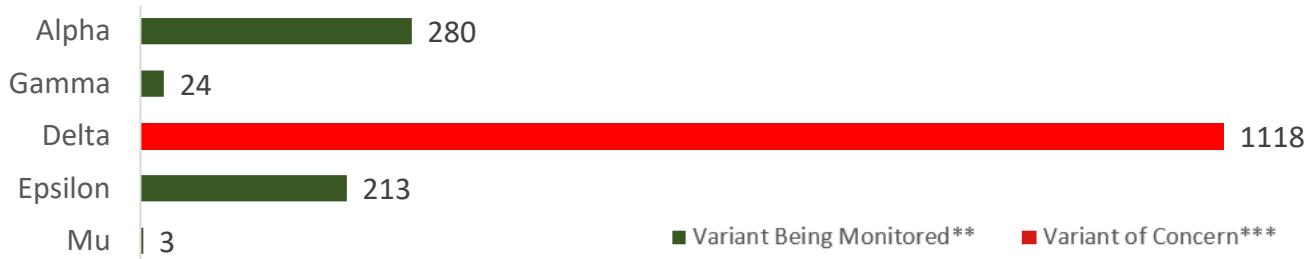
\*Cases reported from 3/15/20-10/23/21

# COVID-19 Situation Summary\*

\*Cases reported from 3/15/20-10/23/21

## COVID-19 Variants:

### Total Variants Being Monitored\*\* and Variants of Concern\*\*\*



**\*\*Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

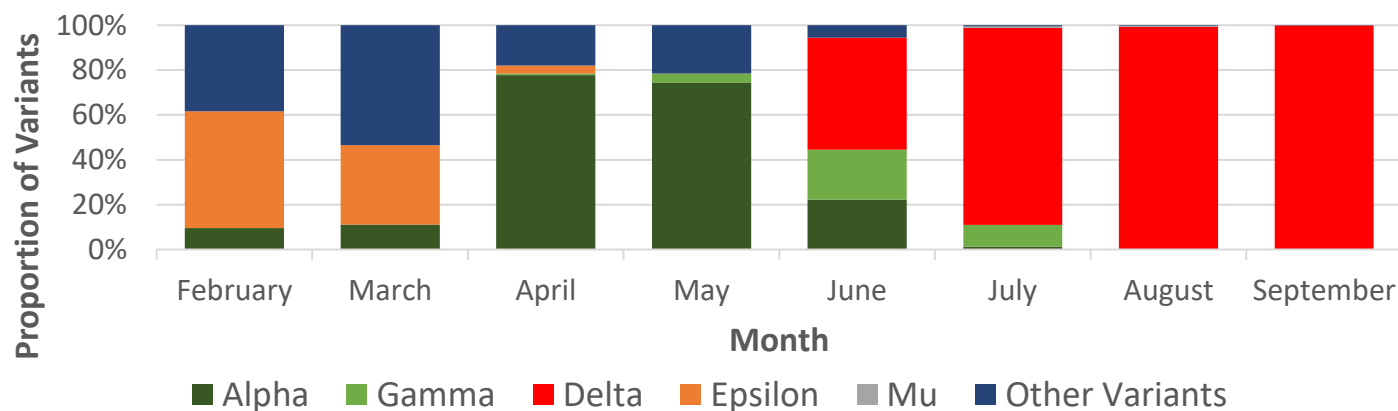
**\*\*\* Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

**For more information about SARS-CoV-2 variants, please visit the CDC webpage:**

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

**89% of identified variants of concern are among Flagstaff residents.**

### Variants Being Monitored and Variants of Concern by Month



**2,627 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.**

## Vaccine Breakthrough<sup>†</sup>:

**Total Vaccine Breakthrough Cases: 1,349**

(5.9% of all cases)

**Vaccine Breakthrough Cases with Variant of Concern: 235**

(17% of vaccine breakthrough cases)

<sup>†</sup>Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. **For more information regarding variant testing in Arizona, please visit the TGen website:** [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)